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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **1** of **6**

### Complete if Known

|                        |                   |
|------------------------|-------------------|
| Application Number     | 09/724,959        |
| Filing Date            | November 28, 2000 |
| First Named Inventor   | Dempcy, Robert O. |
| Art Unit               | 1634              |
| Examiner Name          | Chakrabarti       |
| Attorney Docket Number | 17682A-003610US   |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner              | Cita No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| AC                    | A1                    | 09/457,816  | Filed 12-08-1999               | Reed et al.  |   |
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|                       | A18                   | 5,512,667   | 04-30-1996                     | Reed et al.  |   |
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **2** of **6**

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
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| Filing Date            | November 28, 2000 |
| First Named Inventor   | Dempsy, Robert O. |
| Art Unit               | 1634              |
| Examiner Name          | Chakrabarti       |
| Attorney Docket Number | 17682A-003610US   |

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| FOREIGN PATENT DOCUMENTS |                       |                           |                     |                                   |                             |   |   |                |
|--------------------------|-----------------------|---------------------------|---------------------|-----------------------------------|-----------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |                             |   |   |                |
| AC                       | B1                    | WO                        | 96/32496            |                                   | 10-17-1996                  | Microprobe Corporation                          |   |                |
|                          | B2                    | WO                        | 92/10588            |                                   | 06-25-1992                  | Affymax Technologies N.V.                       |   |                |
|                          | B3                    | WO                        | 96/17957            |                                   | 06-13-1996                  | Hyseq, Inc.                                     |   |                |
|                          | B4                    | WO                        | 99/37085            |                                   | 07-22-1999                  | Comsat Corporation                              |   |                |
|                          | B5                    | WO                        | 99/51775            |                                   | 10-14-1999                  | Epoch Pharmaceuticals Inc.                      |   |                |
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| AC                       | B9                    | WO                        | 00/06771            |                                   | 02-10-2000                  | Affymetrix, Inc.                                |   |                |
|                          | B10                   | WO                        | 97/46313            |                                   | 12-11-1997                  | Array Technologies                              |   |                |

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| First Named Inventor   | Dempcy, Robert O. |
| Art Unit               | 1634              |
| Examiner Name          | Chakrabarti       |
| Attorney Docket Number | 17682A-003610US   |

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### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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|---------------------|-----------------------|--|----------------|
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*Arun Kr. Chakrabarti*

Date  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **4** of **6**

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| Application Number     | 09/724,959        |
| Filing Date            | November 28, 2000 |
| First Named Inventor   | Dempsy, Robert O. |
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| Attorney Docket Number | 17682A-003610US   |

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### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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|---------------------|-----------------------|---|----------------|
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Arum Kr. Chakrabarti

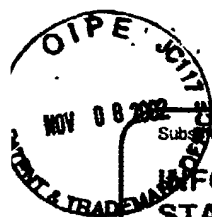
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **5** of **6**

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## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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|---------------------|-----------------------|--|----------------|
| AC                  | C33                   | TAYLOR, Edward C. et al., "Synthesis of Pyrazolo[3,4-d]pyrimidine Analogues of the Potent Antitumor Agent N-[4-[2-(2-Amino-4(3H)-oxo-7H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoyl]-L-glutamic Acid (LY231514) Tetrahydro, Vol. 48, No. 37:8089-8100 (1992) -- Pergamon Press Ltd.           |                |
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| Application Number     | 09/724,959        |
| Filing Date            | November 28, 2000 |
| First Named Inventor   | Dempsy, Robert O. |
| Art Unit               | 1634              |
| Examiner Name          | Chakrabarti       |
| Attorney Docket Number | 17682A-003610US   |

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|---------------------|-----------------------|---|----------------|
| AC                  | C48                   | SEELA, F. et al. "Synthesis of 7-alkynylated 8-aza-7-deaza-2'-deoxyadenosines via the Pd-catalysed cross-coupling reaction," <i>J. Chem. Soc., Perkin Trans.</i> , 1:3233-3239 (1988)   |                |
|                     | C49                   | GRAHAM, D. et al. "DNA duplexes stabilized by modified monomer residues: synthesis and stability," <i>J. Chem. Soc., Perkin Trans.</i> , 1:1131-1138 (1998)   |                |
|                     | C50                   | HOBBS, F. W., Jr. "Palladium-Catalyzed Synthesis of Alkynylamino Nucleosides. A Universal Linker for Nucleic Acids," <i>J. Org. Chem.</i> , 54:3420-3422 (1989)   |                |
|                     | C51                   | CRUICKSHANK, K.A. et al. "Oligonucleotide Labelling: A Concise Synthesis Of A Modified Thymidine Phosphoramidite," <i>Tetrahedron Letters</i> , Vol. 29 No. 41, pp 5221-5224 (1988)   |                |
| ✓                   | C52                   | ROBINS, M.J. et al. "Nucleic Acid Related Compounds. 39. Efficient Conversion of 5-Iodo to 5-Alkynyl and Derived 5-Substituted Uracil Bases and Nucleosides," <i>J. Org. Chem.</i> , 48:1854-1862 (1983)  |                |
| AC                  | C53                   | CLERCO, E.D. et al. "Nucleic Acid Related Compounds. 40. Synthesis and Biological Activities of 5-Alkynyluracil Nucleosides," <i>Journal of Medicinal Chemistry</i> , Vol. 26, No. 5:661-666 (1983)   |                |

|                    |                             |                 |                |
|--------------------|-----------------------------|-----------------|----------------|
| Examiner Signature | <i>Anam Kr. Chakrabarti</i> | Date Considered | <i>3/18/03</i> |
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